

Abstract

A catalyst useful in cracking of hydrocarbon feedstock comprising particulate material composed of at least 70 weight percent zeolite and the remainder substantially composed of silica sol, alumina sol or mixtures thereof; wherein the particulate material has a kinetic conversion activity of at least about 3; and compositions for fluid catalytic cracking of petroleum feedstock comprising said catalyst and a second particulate material having a kinetic conversion activity of less than 3 wherein said catalyst composition having a kinetic conversion activity of at least about 2.